

	Type	L #	H	Search Text	DBs
1	BRS	L1	1976	((hierarchical adj2 structures!) or (tree adj structures!) or trees!) same nodes!	USPAT; US-PGPUB; EPO; JPO; DERWENT;
2	BRS	L2	16	1 and (Internet and URL and browser and network) and goods! and services!	USPAT; US-PGPUB; EPO; JPO; DERWENT;
3	BRS	L3	11	1 and (Internet and URL and browser and network) and (goods! near4 services!)	USPAT; US-PGPUB; EPO; JPO; DERWENT;
4	BRS	L4	42807	((hierarchical adj2 structures!) or (tree adj structures!) or trees!)	USPAT; US-PGPUB; EPO; JPO; DERWENT;
5	BRS	L5	8	4 same goods! near5 services!	USPAT; US-PGPUB; EPO; JPO; DERWENT;
6	BRS	L6	1	5 and (Internet and URL and browser and network) and (goods! near4 services!)	USPAT; US-PGPUB; EPO; JPO; DERWENT;
7	BRS	L7	153	4 and goods! near5 services!	USPAT; US-PGPUB; EPO; JPO; DERWENT;
8	BRS	L8	32	7 and (Internet and URL and browser and network)	USPAT; US-PGPUB; EPO; JPO; DERWENT;
9	BRS	L9	29	8 and ((geographic\$5 or geo-graphic\$5) or area\$1 or region\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT;
10	BRS	L10	29	7 and (Internet and URL and browser and networks!)	USPAT; US-PGPUB; EPO; JPO; DERWENT;
11	BRS	L11	26	10 and ((geographic\$5 or geo-graphic\$5) or area\$1 or region\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT;
12	BRS	L12	1724	((hierarchical adj2 structures!) or (tree adj structures!) or trees!) same link\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT;
13	BRS	L13	485	12 and (707/\$.ccls. or 705/\$.ccls. or 701/\$.ccls. or 709/\$.ccls. or 345/\$.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT;
14	BRS	L14	25	13 and goods! near5 services!	USPAT; US-PGPUB; EPO; JPO; DERWENT;
15	BRS	L15	10	14 and (Internet and URL and browser and networks!)	USPAT; US-PGPUB; EPO; JPO; DERWENT;

	Type	L #	H #	Search Text	DBs
16	BRS	L16	9	15 and ((geographic\$5 or geo-graphic\$5) or area\$1 or region\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT;
17	BRS	L17	42807	((hierarchical adj2 structures!) or (tree adj structures!) or trees!)	USPAT; US-PGPUB; EPO; JPO; DERWENT;
18	BRS	L18	946	17 and tree same node\$1 same link\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT;
19	BRS	L19	75	18 and (Internet and URL and browser and network)	USPAT; US-PGPUB; EPO; JPO; DERWENT;
20	BRS	L20	11	19 and goods! near5 services!	USPAT; US-PGPUB; EPO; JPO; DERWENT;
21	BRS	L21	10	20 and ((geographic\$5 or geo-graphic\$5) or area\$1 or region\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT;
22	BRS	L22	1177	17 and tree same node\$1 same (edge\$1 or link\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT;
23	BRS	L23	22	22 and goods! near5 services!	USPAT; US-PGPUB; EPO; JPO; DERWENT;

	Type	L #	Hits	Search T xt	DBs
1	BRS	L1	1926	((context adj3 (provider\$2 or awareness or aware or service\$2 or source\$2 or infrastructure\$2 or infra-structure\$2 or computing)) or (position adj aware\$5))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
2	BRS	L2	205	1 and (hierarch\$6 or structure\$2 or tree) same nodes!	USPAT; US-PGPUB; EPO; JPO; DERWENT;
3	BRS	L3	141	2 and (media or metimedia or muti-media)	USPAT; US-PGPUB; EPO; JPO; DERWENT;
4	BRS	L4	145	2 and (media or multimedia or muti-media)	USPAT; US-PGPUB; EPO; JPO; DERWENT;
5	BRS	L5	145	2 and (media or multimedia or multi-media)	USPAT; US-PGPUB; EPO; JPO; DERWENT;
6	BRS	L7	15	6 and (handheld or hand-held)	USPAT; US-PGPUB; EPO; JPO; DERWENT;
7	BRS	L6	62	5 and entity and internet	USPAT; US-PGPUB; EPO; JPO; DERWENT;
8	BRS	L8	39877	"62" and networks!	USPAT; US-PGPUB; EPO; JPO; DERWENT;
9	BRS	L9	48	6 and networks!	USPAT; US-PGPUB; EPO; JPO; DERWENT;
10	BRS	L10	10	2 and (media or multimedia or multi-media) adj5 file\$2	USPAT; US-PGPUB; EPO; JPO; DERWENT;

Patent Assignment Abstract of Title

Total Assignments: 1
Application #: 09544253 **Filing Dt:** 04/05/2000 **Patent #:** NONE **Issue Dt:**
PCT #: NONE **Publication #:** NONE **Pub Dt:**
Inventors: Gopal Parupudi, Stephen S. Evans, Burdette J. Holtgrewe, Edward F. Reus

Title: Context aware systems and methods utilizing hierarchical tree structures

Assignment: 1

Reel/Frame: <u>010936/0317</u>	Received: 07/26/2000	Recorded: 06/26/2000	Mailed: 09/12/2000	Pages: 5
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Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors: PARUPUDI, GOPAL
Exec Dt: 06/19/2000

EVANS, STEPHEN S.
Exec Dt: 06/15/2000

HOLTGREWE, BURDETTE J.
Exec Dt: 06/07/2000

REUS, EDWARD F.
Exec Dt: 06/07/2000

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Correspondent: LEE & HAYES, PLLC

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Search Results as of: 12/17/2002 9:35:18 A.M.

If you have any comments or questions concerning the data displayed, contact OPR / Assignments at 703-308-9723
Web interface last modified: Oct. 5, 2002

Patent Assignment Assignor Details

Assignor Name : PARUPUDI, GOPAL

Total Assignments: 14

Assignment: 1

Reel/Frame: <u>009793/0656</u>	Received: 03/08/1999	Recorded: 02/23/1999	Mailed: 05/24/1999	Pages: 4
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C nveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors

1 <u>PARUPUDI, GOPAL</u>	Exec Dt: 02/22/1999
2 <u>GOERTZEL, MARIO C.</u>	Exec Dt: 02/22/1999
3 <u>SRINIVAS, MURTHY</u>	Exec Dt: 02/22/1999

Assignee

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Property

App #	PCT #	Pat #	Pub #
<u>09256624</u>	NONE	NONE	NONE

Correspondence name and address

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Assignment: 2

Reel/Frame: <u>010056/0440</u>	Received: 07/01/1999	Recorded: 06/22/1999	Mailed: 08/31/1999	Pages: 6
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C nveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors

1 <u>GRAMBIHLER, ROGER F.</u>	Exec Dt: 06/21/1999
2 <u>LIU, CHAO-CHIA</u>	Exec Dt: 06/21/1999
3 <u>SRINIVAS, MURTHY</u>	Exec Dt: 06/21/1999
4 <u>STROM, SUSAN E.</u>	Exec Dt: 06/21/1999
5 <u>PARUPUDI, GOPAL</u>	Exec Dt: 06/21/1999
6 <u>PLASTINA, DANIEL</u>	Exec Dt: 06/21/1999
7 <u>CORRINGTON, ROBERT E.</u>	Exec Dt: 06/21/1999

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Property

App #	PCT #	Pat #	Pub #
<u>09338352</u>	NONE	NONE	NONE

C rresp ndence name and address

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 14645 BEL-RED ROAD, SUITE 103
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Assignment: 3

Reel/Frame: 010624/0810 **Received:** 05/15/2000 **Recorded:** 02/04/2000 **Mailed:** 05/16/2000 **Pages:** 7

Conveyance: CORRECTIVE ASSIGNMENT TO CORRECT ASSIGNEE'S ADDRESS RECORDED AT REEL 010056 FRAME 0440

Assignors

1	<u>GRAMBIHLER, ROGER F.</u>	Exec Dt: 06/21/1999
2	<u>LIU, CHAO-CHIA</u>	Exec Dt: 06/21/1999
3	<u>SRINIVAS, MURTHY</u>	Exec Dt: 06/21/1999
4	<u>STROM, SUSAN E.</u>	Exec Dt: 06/21/1999
5	<u>PARUPUDI, GOPAL</u>	Exec Dt: 06/21/1999
6	<u>PLASTINA, DANIEL</u>	Exec Dt: 06/21/1999
7	<u>CORRINGTNON, ROBERT E.</u>	Exec Dt: 06/21/1999

Assignee

1 MICROSOFT CORPORATION
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Property

App #	PCT #	Pat #	Pub #
<u>09338352</u>	NONE	NONE	NONE

C rrespondence name and address

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Assignment: 4

Reel/Frame: 010978/0070 **Received:** 08/10/2000 **Recorded:** 07/11/2000 **Mailed:** 09/26/2000 **Pages:** 5

C nveyance: LETTERS OF ADMINISTRATION (SEE DOCUMENT FOR DETAILS).

Assignors

1	<u>PARUPUDI, GOPAL</u>	Exec Dt: 06/07/2000
2	<u>REUS, EDWARD F.</u>	Exec Dt: 06/15/2000
3	<u>EVANS, STEPHEN S.</u>	Exec Dt: 06/19/2000
4	<u>GOERTZEL, MARIO C.</u>	Exec Dt: 06/28/2000

Assignee

1 MICROSOFT CORPORATION
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Property

App #	PCT #	Pat #	Pub #
<u>09543053</u>	NONE	NONE	NONE

Correspondence name and address

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Assignment: 5

Reel/Frame: 010936/0317 **Received:** 07/26/2000 **Recorded:** 06/26/2000 **Mailed:** 09/12/2000 **Pages:** 5

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors

1 <u>PARUPUDI, GOPAL</u>	Exec Dt: 06/19/2000
2 <u>EVANS, STEPHEN S.</u>	Exec Dt: 06/15/2000
3 <u>HOLTGREWE, BURDETTE J.</u>	Exec Dt: 06/07/2000
4 <u>REUS, EDWARD F.</u>	Exec Dt: 06/07/2000

Assignee

1 MICROSOFT CORPORATION
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Property

App #	PCT #	Pat #	Pub #
<u>09544253</u>	NONE	NONE	NONE

Correspondence name and address

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Assignment: 6

Reel/Frame: 010965/0209 **Received:** 08/07/2000 **Recorded:** 07/13/2000 **Mailed:** 09/21/2000 **Pages:** 7

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors

1 <u>EVANS, STEPHEN S.</u>	Exec Dt: 06/15/2000
2 <u>PARUPUDI, GOPAL</u>	Exec Dt: 06/19/2000
3 <u>HOLTGREWE, BURDETTE J.</u>	Exec Dt: 06/07/2000
4 <u>REUS, EDWARD F.</u>	Exec Dt: 06/07/2000
5 <u>BURNS, GREGORY</u>	Exec Dt: 06/29/2000

Assignee

1 MICROSOFT CORPORATION
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Property

App #	PCT #	Pat #	Pub #
<u>09543646</u>	NONE	<u>6327535</u>	NONE

Correspondence name and address

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 LANCE R. SADLER
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Assignment: 7

Reel/Frame: 010978/0212 **Received:** 08/10/2000 **Recorded:** 07/06/2000 **Mailed:** 09/26/2000 **Pages:** 5

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors

1 <u>PARUPUDI, GOPAL</u>	Exec Dt: 06/19/2000
2 <u>REUS, EDWARD F.</u>	Exec Dt: 06/07/2000
3 <u>EVANS, STEPHEN S.</u>	Exec Dt: 06/15/2000

Assignee

1 MICROSOFT CORPORATION
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Property

App #	PCT #	Pat #	Pub #
<u>09543052</u>	NONE	NONE	NONE

Correspondence name and address

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Assignment: 8

Reel/Frame: 010978/0217 **Received:** 08/10/2000 **Recorded:** 07/11/2000 **Mailed:** 09/26/2000 **Pages:** 4

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors

1 <u>PARUPUDI, GOPAL</u>	Exec Dt: 06/19/2000
2 <u>REUS, EDWARD F.</u>	Exec Dt: 06/19/2000

Assignee

1 MICROSOFT CORPORATION
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Property

App #	PCT #	Pat #	Pub #
<u>09543054</u>	NONE	NONE	NONE

Correspondence name and address

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Assignment: 9

Reel/Frame: 010978/0221 **Received:**
08/10/2000

Recorded:
07/11/2000

Mailed:
09/26/2000

Pages:
5

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assign rs

1 PARUPUDI, GOPAL

Exec Dt: 06/19/2000

2 REUS, EDWARD F.

Exec Dt: 06/07/2000

3 EVANS, STEPHEN S.

Exec Dt: 06/15/2000

Assignee

1 MICROSOFT CORPORATION

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Property

App #	PCT #	Pat #	Pub #
<u>09543055</u>	NONE	NONE	NONE

Correspondence name and address

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Assignment: 10

Reel/Frame: 011395/0245 **Received:**
01/09/2001

Recorded:
12/22/2000

Mailed:
03/15/2001

Pages:
5

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors

1 PARUPUDI, GOPAL

Exec Dt: 12/19/2000

2 EVANS, STEPHEN S.

Exec Dt: 12/19/2000

3 REUS, EDWARD F.

Exec Dt: 12/19/2000

Assignee

1 MICROSOFT CORPORATION

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Property

App #	PCT #	Pat #	Pub #
<u>09746923</u>	NONE	NONE	<u>US20020120370</u>

C rrespondence name and address

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Assignment: 11

Reel/Frame: 011395/0255 **Received:**
01/09/2001

Rec rded:
12/22/2000

Mailed:
03/15/2001

Pages:
5

C nveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors

- 1 PARUPUDI, GOPAL
- 2 EVANS, STEPHEN S.
- 3 REUS, EDWARD F.

Exec Dt: 12/19/2000**Exec Dt:** 12/19/2000**Exec Dt:** 12/19/2000**Assignee**

- 1 MICROSOFT CORPORATION
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Property

App #	PCT #	Pat #	Pub #
<u>09746918</u>	NONE	NONE	<u>US20020119788</u>

C rrespondence name and address

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Assignment: 12

Reel/Frame: <u>011395/0403</u>	Received: 01/09/2001	Recorded: 12/22/2000	Mailed: 03/15/2001	Pages: 5
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C nveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).**Assignors**

- 1 PARUPUDI, GOPAL
- 2 EVANS, STEPHEN S.
- 3 REUS, EDWARD F.

Exec Dt: 12/19/2000**Exec Dt:** 12/19/2000**Exec Dt:** 12/19/2000**Assignee**

- 1 MICROSOFT CORPORATION
ONE MICROSOFT WAY
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Property

App #	PCT #	Pat #	Pub #
<u>09746924</u>	NONE	NONE	<u>US20020122055</u>

Correspondence name and address

LEE & HAYES, PLLC
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Assignment: 13

Reel/Frame: <u>011395/0458</u>	Received: 01/09/2001	Recorded: 12/22/2000	Mailed: 03/15/2001	Pages: 5
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C nveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).**Assignors**

- 1 PARUPUDI, GOPAL
- 2 EVANS, STEPHEN S.
- 3 REUS, EDWARD F.

Exec Dt: 12/19/2000**Exec Dt:** 12/19/2000**Exec Dt:** 12/19/2000**Assignee**

1 MICROSOFT CORPORATION
 ONE MICROSOFT WAY
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Property

App #	PCT #	Pat #	Pub #
<u>09746936</u>	NONE	NONE	<u>US20020124067</u>

C rrespondence name and address

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Assignment: 14

Reel/Frame: <u>012975/0857</u>	Received:	Recorded:	Mailed:	Pages:
	06/14/2002	06/03/2002	08/12/2002	5

C nveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors

1 <u>COPELAND, BRUCE WAYNE</u>	Exec Dt: 05/30/2002
2 <u>DREW, DANIEL NICHOLAS JOSEPH</u>	Exec Dt: 05/31/2002
3 <u>ELLIS, JOHN LEO</u>	Exec Dt: 05/31/2002
4 <u>OSBORNE, KENNETH MARK</u>	Exec Dt: 05/31/2002
5 <u>PAN, ZHENGKAI KENNETH</u>	Exec Dt: 05/31/2002
6 <u>PARUPUDI, GOPAL</u>	Exec Dt: 05/31/2002
7 <u>WILSON, RUSSELL TODD</u>	Exec Dt: 05/31/2002

Assignee

1 MICROSOFT CORPORATION
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Property

App #	PCT #	Pat #	Pub #
<u>10162851</u>	NONE	NONE	NONE

Correspondence name and address

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Search Results as of: 12/17/2002 9:35:30 A.M.

Patent Assignment Assignor Details

Assign r Name : EVANS, STEPHEN S.

Total Assignments: 9

Assignment: 1

Reel/Frame: <u>010936/0317</u>	Received: 07/26/2000	Recorded: 06/26/2000	Mailed: 09/12/2000	Pages: 5
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Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors

1 <u>PARUPUDI, GOPAL</u>	Exec Dt: 06/19/2000
2 <u>EVANS, STEPHEN S.</u>	Exec Dt: 06/15/2000
3 <u>HOLTGREWE, BURDETTE J.</u>	Exec Dt: 06/07/2000
4 <u>REUS, EDWARD F.</u>	Exec Dt: 06/07/2000

Assignee

1 MICROSOFT CORPORATION
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Property

App #	PCT #	Pat #	Pub #
<u>09544253</u>	NONE	NONE	NONE

Correspondence name and address

LEE & HAYES, PLLC
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Assignment: 2

Reel/Frame: <u>010965/0209</u>	Received: 08/07/2000	Recorded: 07/13/2000	Mailed: 09/21/2000	Pages: 7
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C nveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors

1 <u>EVANS, STEPHEN S.</u>	Exec Dt: 06/15/2000
2 <u>PARUPUDI, GOPAL</u>	Exec Dt: 06/19/2000
3 <u>HOLTGREWE, BURDETTE J.</u>	Exec Dt: 06/07/2000
4 <u>REUS, EDWARD F.</u>	Exec Dt: 06/07/2000
5 <u>BURNS, GREGORY</u>	Exec Dt: 06/29/2000

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Property

App #	PCT #	Pat #	Pub #
<u>09543646</u>	NONE	<u>6327535</u>	NONE

Corresp ndence name and address

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Assignment: 3

Reel/Frame: 010978/0212 **Received:** 08/10/2000 **Recorded:** 07/06/2000 **Mailed:** 09/26/2000 **Pages:** 5

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors

1 <u>PARUPUDI, GOPAL</u>	Exec Dt: 06/19/2000
2 <u>REUS, EDWARD F.</u>	Exec Dt: 06/07/2000
3 <u>EVANS, STEPHEN S.</u>	Exec Dt: 06/15/2000

Assignee

1 MICROSOFT CORPORATION
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REDMOND, WASHINGTON 98052

Property

App #	PCT #	Pat #	Pub #
<u>09543052</u>	NONE	NONE	NONE

Correspondence name and address

LEE & HAYES, PLLC
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Assignment: 4

Reel/Frame: 010978/0221 **Received:** 08/10/2000 **Recorded:** 07/11/2000 **Mailed:** 09/26/2000 **Pages:** 5

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors

1 <u>PARUPUDI, GOPAL</u>	Exec Dt: 06/19/2000
2 <u>REUS, EDWARD F.</u>	Exec Dt: 06/07/2000
3 <u>EVANS, STEPHEN S.</u>	Exec Dt: 06/15/2000

Assignee

1 MICROSOFT CORPORATION
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Property

App #	PCT #	Pat #	Pub #
<u>09543055</u>	NONE	NONE	NONE

Correspondence name and address

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Assignment: 5

Reel/Frame: 010978/0070 **Received:** **Recorded:** **Mailed:** **Pages:**

08/10/2000

07/11/2000

09/26/2000

5

C nveyance: LETTERS OF ADMINISTRATION (SEE DOCUMENT FOR DETAILS).**Assignors**1 PARUPUDI, GOPAL**Exec Dt:** 06/07/20002 REUS, EDWARD F.**Exec Dt:** 06/15/20003 EVANS, STEPHEN S.**Exec Dt:** 06/19/20004 GOERTZEL, MARIO C.**Exec Dt:** 06/28/2000**Assignee**1 MICROSOFT CORPORATION

ONE MICROSOFT WAY

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Property

App #	PCT #	Pat #	Pub #
09543053	NONE	NONE	NONE

Correspondence name and address

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SUITE 500

SPOKANE, WA 99201

Assignment: 6**Reel/Frame:** 011395/0245**Received:** 01/09/2001**Recorded:**

12/22/2000

Mailed:

03/15/2001

Pages:

5

C nveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).**Assignors**1 PARUPUDI, GOPAL**Exec Dt:** 12/19/20002 EVANS, STEPHEN S.**Exec Dt:** 12/19/20003 REUS, EDWARD F.**Exec Dt:** 12/19/2000**Assignee**1 MICROSOFT CORPORATION

ONE MICROSOFT WAY

REDMONDS, WASHINGTON 98052

Property

App #	PCT #	Pat #	Pub #
09746923	NONE	NONE	<u>US20020120370</u>

Correspondence name and address

LEE & HAYES, PLLC

LANCE R. SADLER

421 W. RIVERSIDE AVE

SUITE 500

SPOKANE, WA 99201

Assignment: 7**Reel/Frame:** 011395/0255**Received:** 01/09/2001**Recorded:**

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Mailed:

03/15/2001

Pages:

5

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).**Assign rs**

- 1 PARUPUDI, GOPAL
- 2 EVANS, STEPHEN S.
- 3 REUS, EDWARD F.

Exec Dt: 12/19/2000**Exec Dt:** 12/19/2000**Exec Dt:** 12/19/2000**Assignee**

- 1 MICROSOFT CORPORATION
ONE MICROSOFT WAY
REDMOND, WASHINGTON 98052

Property

App #	PCT #	Pat #	Pub #
<u>09746918</u>	NONE	NONE	<u>US20020119788</u>

C rrespondence name and address

LEE & HAYES, PLLC.
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Assignment: 8

Reel/Frame: <u>011395/0403</u>	Received: 01/09/2001	Recorded: 12/22/2000	Mailed: 03/15/2001	Pages: 5
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C nveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).**Assignors**

- 1 PARUPUDI, GOPAL
- 2 EVANS, STEPHEN S.
- 3 REUS, EDWARD F.

Exec Dt: 12/19/2000**Exec Dt:** 12/19/2000**Exec Dt:** 12/19/2000**Assignee**

- 1 MICROSOFT CORPORATION
ONE MICROSOFT WAY
REDMOND, WASHINGTON 98052

Property

App #	PCT #	Pat #	Pub #
<u>09746924</u>	NONE	NONE	<u>US20020122055</u>

Correspondence name and address

LEE & HAYES, PLLC
LANCE R. SADLER
421 W. RIVERSIDE AVENUE
SUITE 500
SPOKANE, WA 99201

Assignment: 9

Reel/Frame: <u>011395/0458</u>	Received: 01/09/2001	Recorded: 12/22/2000	Mailed: 03/15/2001	Pages: 5
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Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).**Assignors**

- 1 PARUPUDI, GOPAL
- 2 EVANS, STEPHEN S.
- 3 REUS, EDWARD F.

Exec Dt: 12/19/2000**Exec Dt:** 12/19/2000**Exec Dt:** 12/19/2000**Assignee**

1 MICROSOFT CORPORATION
ONE MICROSOFT WAY
REDMOND, WASHINGTON 98052

Property

App #	PCT #	Pat #	Pub #
<u>09746936</u>	NONE	NONE	<u>US20020124067</u>

Correspondence name and address

LEE & HAYES, PLLC
LANCE T. SADLER
421 W. RIVERSIDE AVE
SUITE 500
SPOKANE, WA 99201

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Patent Assignment Assignor Details

Assignor Name : HOLTGREWE, BURDETTE J.

Total Assignments: 2

Assignment: 1

Reel/Frame: <u>010936/0317</u>	Received: 07/26/2000	Recorded: 06/26/2000	Mailed: 09/12/2000	Pages: 5
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Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors

1 <u>PARUPUDI, GOPAL</u>	Exec Dt: 06/19/2000
2 <u>EVANS, STEPHEN S.</u>	Exec Dt: 06/15/2000
3 <u>HOLTGREWE, BURDETTE J.</u>	Exec Dt: 06/07/2000
4 <u>REUS, EDWARD F.</u>	Exec Dt: 06/07/2000

Assignee

1 MICROSOFT CORPORATION
ONE MICROSOFT WAY
REDMOND, WASHINGTON 98052

Property

App #	PCT #	Pat #	Pub #
<u>09544253</u>	NONE	NONE	NONE

Correspondence name and address

LEE & HAYES, PLLC
LANCE R. SADLER
421 W. RIVERSIDE AVE
SUITE 500
SPOKANE, WA 99201

Assignment: 2

Reel/Frame: <u>010965/0209</u>	Received: 08/07/2000	Recorded: 07/13/2000	Mailed: 09/21/2000	Pages: 7
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Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors

1 <u>EVANS, STEPHEN S.</u>	Exec Dt: 06/15/2000
2 <u>PARUPUDI, GOPAL</u>	Exec Dt: 06/19/2000
3 <u>HOLTGREWE, BURDETTE J.</u>	Exec Dt: 06/07/2000
4 <u>REUS, EDWARD F.</u>	Exec Dt: 06/07/2000
5 <u>BURNS, GREGORY</u>	Exec Dt: 06/29/2000

Assignee

1 MICROSOFT CORPORATION
ONE MICROSOFT WAY
REDMOND, WASHINGTON 98052

Property

App #	PCT #	Pat #	Pub #
<u>09543646</u>	NONE	<u>6327535</u>	NONE

Correspondence name and address

LEE & HAYES, PLLC
LANCE R. SADLER

421 W. RIVERSIDE AVENUE
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SPOKANE, WA 99201

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Patent Assignment Assignor Details

Assignor Name : REUS, EDWARD F.

Total Assignments: 11

Assignment: 1

Reel/Frame: <u>010936/0317</u>	Received: 07/26/2000	Recorded: 06/26/2000	Mailed: 09/12/2000	Pages: 5
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Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors

1 <u>PARUPUDI, GOPAL</u>	Exec Dt: 06/19/2000
2 <u>EVANS, STEPHEN S.</u>	Exec Dt: 06/15/2000
3 <u>HOLTGREWE, BURDETTE J.</u>	Exec Dt: 06/07/2000
4 <u>REUS, EDWARD F.</u>	Exec Dt: 06/07/2000

Assignee

1 MICROSOFT CORPORATION
ONE MICROSOFT WAY
REDMOND, WASHINGTON 98052

Property

App #	PCT #	Pat #	Pub #
<u>09544253</u>	NONE	NONE	NONE

Correspondence name and address

LEE & HAYES, PLLC
LANCE R. SADLER
421 W. RIVERSIDE AVE
SUITE 500
SPOKANE, WA 99201

Assignment: 2

Reel/Frame: <u>010965/0209</u>	Received: 08/07/2000	Recorded: 07/13/2000	Mailed: 09/21/2000	Pages: 7
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Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors

1 <u>EVANS, STEPHEN S.</u>	Exec Dt: 06/15/2000
2 <u>PARUPUDI, GOPAL</u>	Exec Dt: 06/19/2000
3 <u>HOLTGREWE, BURDETTE J.</u>	Exec Dt: 06/07/2000
4 <u>REUS, EDWARD F.</u>	Exec Dt: 06/07/2000
5 <u>BURNS, GREGORY</u>	Exec Dt: 06/29/2000

Assignee

1 MICROSOFT CORPORATION
ONE MICROSOFT WAY
REDMOND, WASHINGTON 98052

Property

App #	PCT #	Pat #	Pub #
<u>09543646</u>	NONE	<u>6327535</u>	NONE

Correspondence name and address

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421 W. RIVERSIDE AVENUE
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SPOKANE, WA 99201

Assignment: 3

Reel/Frame: 010978/0212 **Received:** 08/10/2000 **Recorded:** 07/06/2000 **Mailed:** 09/26/2000 **Pages:** 5

C nveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors

1 <u>PARUPUDI, GOPAL</u>	Exec Dt: 06/19/2000
2 <u>REUS, EDWARD F.</u>	Exec Dt: 06/07/2000
3 <u>EVANS, STEPHEN S.</u>	Exec Dt: 06/15/2000

Assignee

1 MICROSOFT CORPORATION
ONE MICROSOFT WAY
REDMOND, WASHINGTON 98052

Property

App #	PCT #	Pat #	Pub #
<u>09543052</u>	NONE	NONE	NONE

Correspondence name and address

LEE & HAYES, PLLC
LANCE R. SADLER
421 W. RIVERSIDE AVENUE, SUITE 500
SPOKANE, WASHINGTON 99201

Assignment: 4

Reel/Frame: 010978/0221 **Received:** 08/10/2000 **Recorded:** 07/11/2000 **Mailed:** 09/26/2000 **Pages:** 5

C nveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors

1 <u>PARUPUDI, GOPAL</u>	Exec Dt: 06/19/2000
2 <u>REUS, EDWARD F.</u>	Exec Dt: 06/07/2000
3 <u>EVANS, STEPHEN S.</u>	Exec Dt: 06/15/2000

Assignee

1 MICROSOFT CORPORATION
ONE MICROSOFT WAY
REDMOND, WASHINGTON 98052

Property

App #	PCT #	Pat #	Pub #
<u>09543055</u>	NONE	NONE	NONE

Correspondence name and address

LEE & HAYES, PLLC
LANCE R. SADLER
421 W. RIVERSIDE AVE
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Assignment: 5

Reel/Frame: 010978/0070 **Received:** **Recorded:** **Mailed:** **Pages:**

08/10/2000

07/11/2000

09/26/2000

5

Conveyance: LETTERS OF ADMINISTRATION (SEE DOCUMENT FOR DETAILS).**Assignors**1 PARUPUDI, GOPAL**Exec Dt:** 06/07/20002 REUS, EDWARD F.**Exec Dt:** 06/15/20003 EVANS, STEPHEN S.**Exec Dt:** 06/19/20004 GOERTZEL, MARIO C.**Exec Dt:** 06/28/2000**Assignee**1 MICROSOFT CORPORATION

ONE MICROSOFT WAY

REDMOND, WASHINGTON 98052

Property

App #	PCT #	Pat #	Pub #
<u>09543053</u>	NONE	NONE	NONE

Correspondence name and address

LEE & HAYES, PLLC

LANCE R. SADLER

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Assignment: 6**Reel/Frame:** 010978/0217 **Received:**
08/10/2000**Recorded:**
07/11/2000**Mailed:**
09/26/2000**Pages:**
4**Conveyance:** ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).**Assignors**1 PARUPUDI, GOPAL**Exec Dt:** 06/19/20002 REUS, EDWARD F.**Exec Dt:** 06/19/2000**Assignee**1 MICROSOFT CORPORATION

ONE MICROSOFT WAY

REDMOND, WASHINGTON 98052

Property

App #	PCT #	Pat #	Pub #
<u>09543054</u>	NONE	NONE	NONE

Correspondence name and address

LEE & HAYES, PLLC

LANCE R. SADLER

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Assignment: 7**Reel/Frame:** 011395/0245 **Received:**
01/09/2001**Recorded:**
12/22/2000**Mailed:**
03/15/2001**Pages:**
5**Conveyance:** ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).**Assignors**1 PARUPUDI, GOPAL**Exec Dt:** 12/19/2000

2 EVANS, STEPHEN S.**Exec Dt:** 12/19/20003 REUS, EDWARD F.**Exec Dt:** 12/19/2000**Assignee**1 MICROSOFT CORPORATION

ONE MICROSOFT WAY

REDMONDS, WASHINGTON 98052

Property

App #	PCT #	Pat #	Pub #
<u>09746923</u>	NONE	NONE	<u>US20020120370</u>

Correspondence name and address

LEE & HAYES, PLLC

LANCE R. SADLER

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Assignment: 8

Reel/Frame: <u>011395/0255</u>	Received:	Recorded:	Mailed:	Pages:
	01/09/2001	12/22/2000	03/15/2001	5

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).**Assignors**1 PARUPUDI, GOPAL**Exec Dt:** 12/19/20002 EVANS, STEPHEN S.**Exec Dt:** 12/19/20003 REUS, EDWARD F.**Exec Dt:** 12/19/2000**Assignee**1 MICROSOFT CORPORATION

ONE MICROSOFT WAY

REDMOND, WASHINGTON 98052

Property

App #	PCT #	Pat #	Pub #
<u>09746918</u>	NONE	NONE	<u>US20020119788</u>

Correspondence name and address

LEE & HAYES, PLLC.

LANCE R. SADLER

421 W. RIVERSIDE AVE

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SPOKANE, WA 99201

Assignment: 9

Reel/Frame: <u>011395/0403</u>	Received:	Recorded:	Mailed:	Pages:
	01/09/2001	12/22/2000	03/15/2001	5

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).**Assignors**1 PARUPUDI, GOPAL**Exec Dt:** 12/19/20002 EVANS, STEPHEN S.**Exec Dt:** 12/19/20003 REUS, EDWARD F.**Exec Dt:** 12/19/2000**Assignee**1 MICROSOFT CORPORATION

ONE MICROSOFT WAY
 REDMOND, WASHINGTON 98052

Property

App #	PCT #	Pat #	Pub #
<u>09746924</u>	NONE	NONE	<u>US20020122055</u>

C rrespondence name and address

LEE & HAYES, PLLC
 LANCE R. SADLER
 421 W. RIVERSIDE AVENUE
 SUITE 500
 SPOKANE, WA 99201

Assignment: 10

Reel/Frame: <u>011395/0458</u>	Received:	Recorded:	Mailed:	Pages:
	01/09/2001	12/22/2000	03/15/2001	5

C nveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors

1 <u>PARUPUDI, GOPAL</u>	Exec Dt: 12/19/2000
2 <u>EVANS, STEPHEN S.</u>	Exec Dt: 12/19/2000
3 <u>REUS, EDWARD F.</u>	Exec Dt: 12/19/2000

Assignee

1 MICROSOFT CORPORATION
 ONE MICROSOFT WAY
 REDMOND, WASHINGTON 98052

Property

App #	PCT #	Pat #	Pub #
<u>09746936</u>	NONE	NONE	<u>US20020124067</u>

Correspondence name and address

LEE & HAYES, PLLC
 LANCE T. SADLER
 421 W. RIVERSIDE AVE
 SUITE 500
 SPOKANE, WA 99201

Assignment: 11

Reel/Frame: <u>011810/0246</u>	Received:	Recorded:	Mailed:	Pages:
	05/22/2001	05/18/2001	08/03/2001	4

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors

1 <u>ROBERTS, JEFFREY S.</u>	Exec Dt: 04/27/2001
2 <u>EVANS, STEPHEN SCOTT</u>	Exec Dt: 05/10/2001
3 <u>ZORAN, MICHAEL D.</u>	Exec Dt: 04/27/2001
4 <u>REUS, EDWARD F.</u>	Exec Dt: 04/27/2001

Assignee

1 MICROSOFT CORPORATION
 ONE MICROSOFT WAY
 REDMOND, WASHINGTON 98052

Property

App #	PCT #	Pat #	Pub #
<u>09783407</u>	NONE	NONE	<u>US20020110149</u>

C rrespondence name and address

SHOOK, HARDY & BACON LLP
MICHAEL J. GROSS
1200 MAIN STREET
KANSAS CITY, MO 64105-2118

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